

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033410.D
 Acq On : 16 Dec 2023 04:28
 Operator : SY/MD
 Sample : 05802-15DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 04:52:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 01:35:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

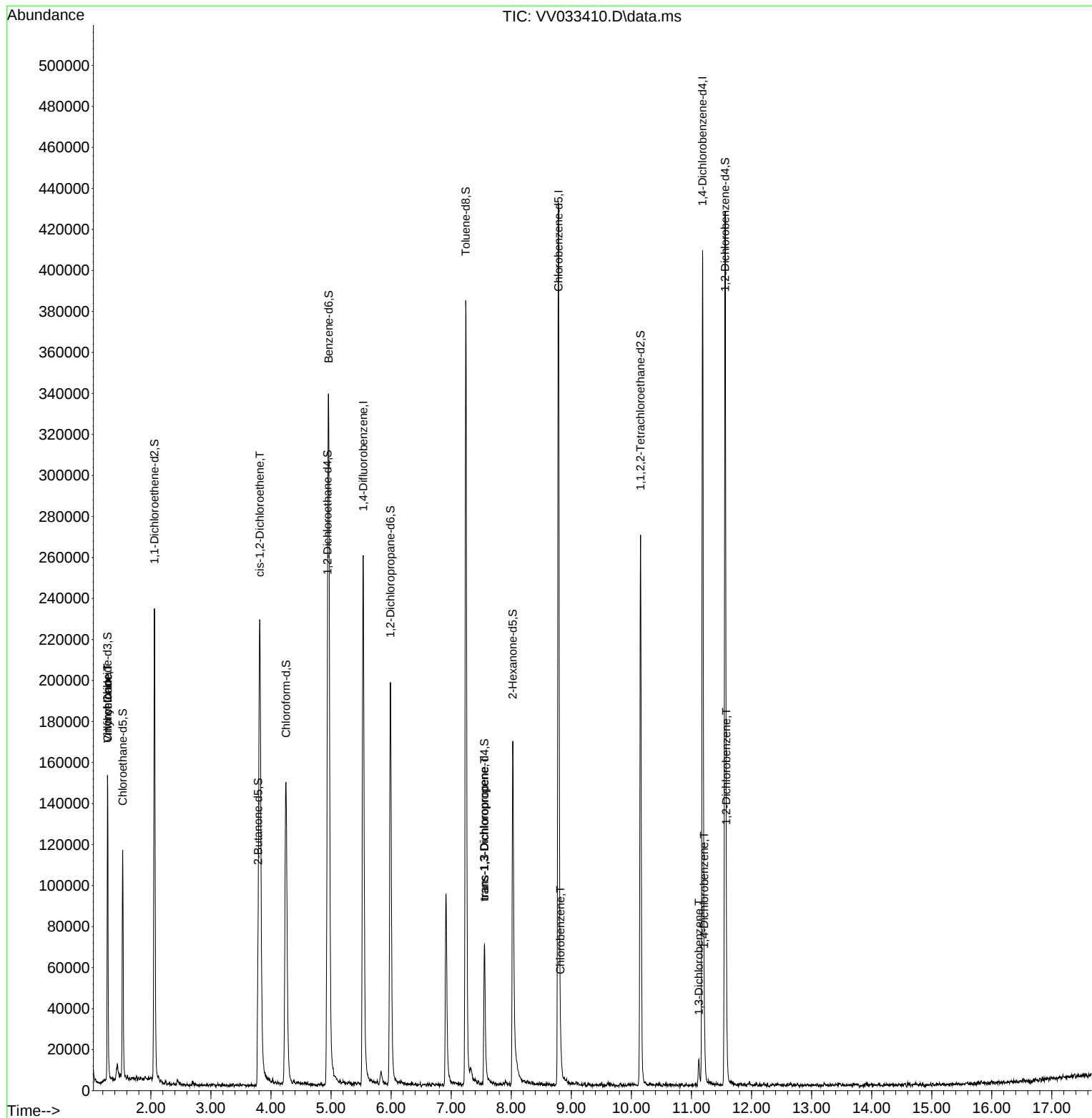
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	222012	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	233289	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	98451	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	79073	46.250	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.500%		
7) Chloroethane-d5	1.532	69	71616	46.677	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.360%		
11) 1,1-Dichloroethene-d2	2.060	65	37659	44.249	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.500%		
21) 2-Butanone-d5	3.786	46	84837	98.457	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.460%		
24) Chloroform-d	4.249	84	159375	47.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.260%		
26) 1,2-Dichloroethane-d4	4.941	65	103167	49.658	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.320%		
32) Benzene-d6	4.960	84	294915	46.937	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.880%		
36) 1,2-Dichloropropane-d6	5.989	67	91366	47.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.820%		
41) Toluene-d8	7.243	98	251816	43.800	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.600%		
43) trans-1,3-Dichloroprop...	7.555	79	39934	42.730	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.460%		
47) 2-Hexanone-d5	8.024	63	54799	85.437	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.440%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	121736	44.416	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.840%		
66) 1,2-Dichlorobenzene-d4	11.561	152	101742	54.994	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.980%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	19815	11.007	ug/L	96
8) Chloroethane	1.282	64	6895	5.674	ug/L	90
20) cis-1,2-Dichloroethene	3.815	96	121586	72.517	ug/L	99
44) trans-1,3-Dichloropropene	7.551	75	2110	0.857	ug/L #	68
51) Chlorobenzene	8.818	112	8228	1.732	ug/L	93
64) 1,3-Dichlorobenzene	11.124	146	4919	1.693	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	9147	2.925	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	7700	2.546	ug/L #	91

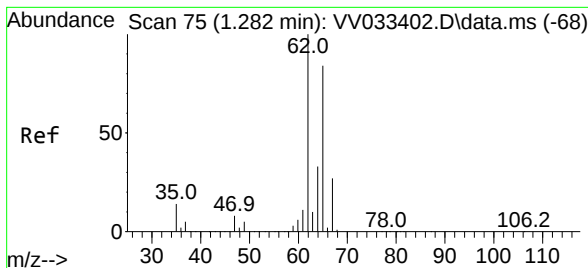
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 16 01:35:53 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.007 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV033410.D

Acq: 16 Dec 2023 04:28

Instrument :

MSVOA_V

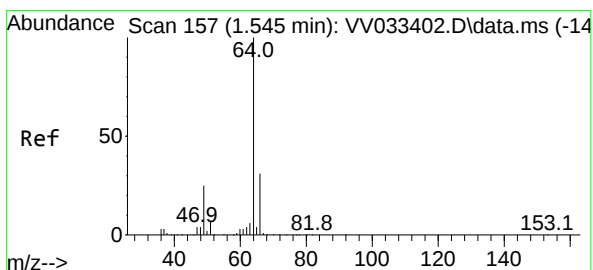
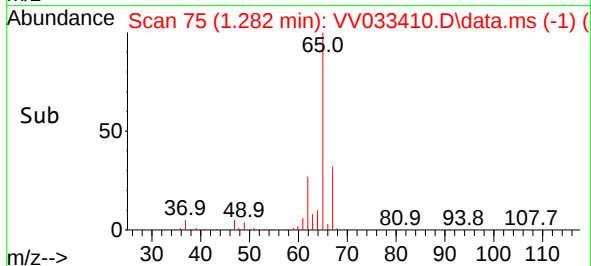
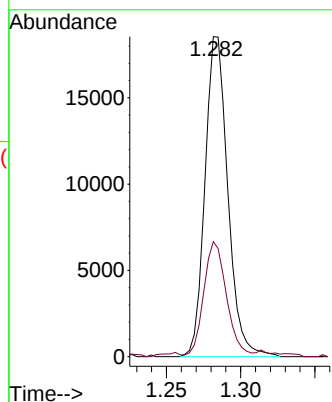
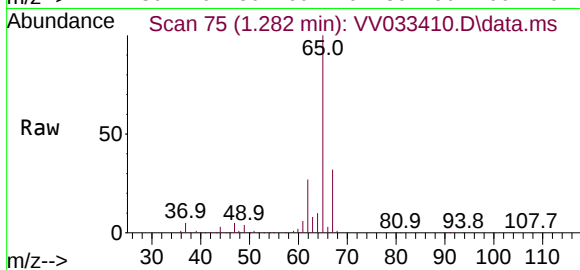
ClientSampleId :

Tgt Ion: 62 Resp: 19815

Ion Ratio Lower Upper

62 100

64 36.0 23.4 43.6



#8

Chloroethane

Concen: 5.674 ug/L

RT: 1.282 min Scan# 75

Delta R.T. -0.264 min

Lab File: VV033410.D

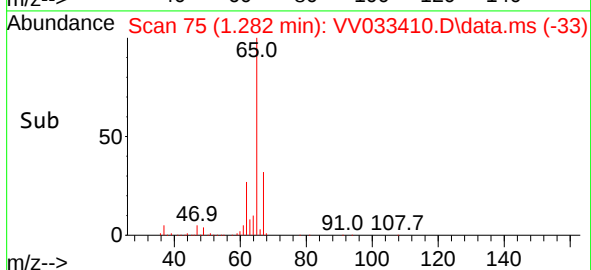
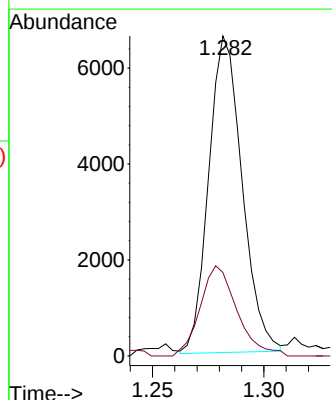
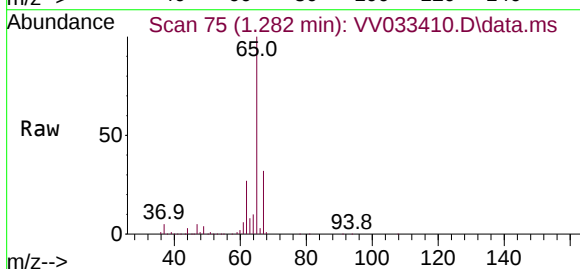
Acq: 16 Dec 2023 04:28

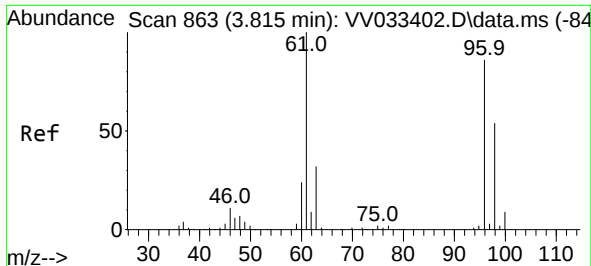
Tgt Ion: 64 Resp: 6895

Ion Ratio Lower Upper

64 100

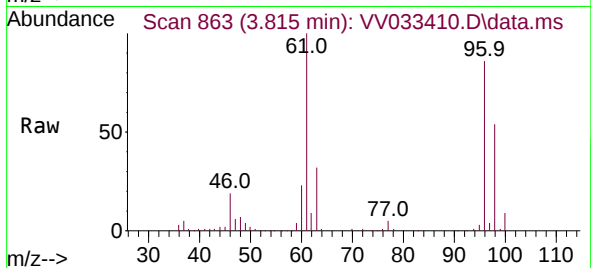
66 26.0 22.1 41.1



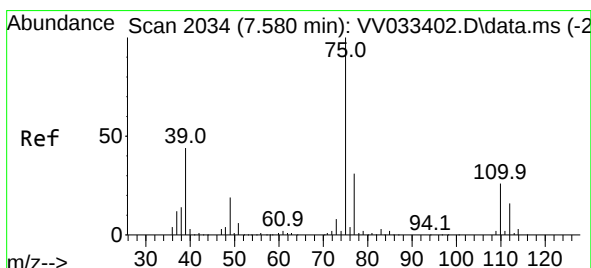
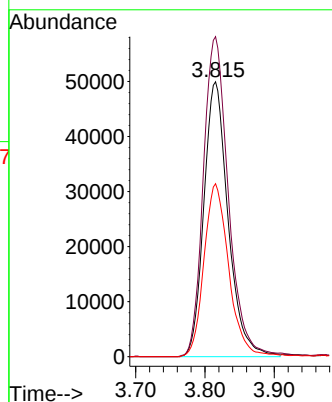
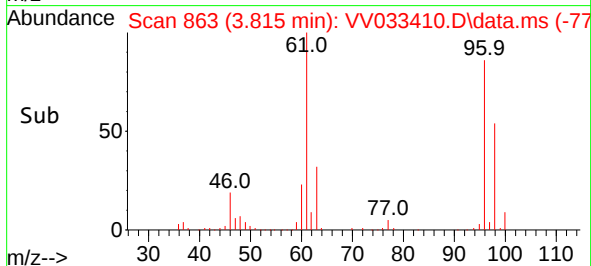


#20
 cis-1,2-Dichloroethene
 Concen: 72.517 ug/L
 RT: 3.815 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VV033410.D
 Acq: 16 Dec 2023 04:28

Instrument :
 MSVOA_V
 ClientSampleId :

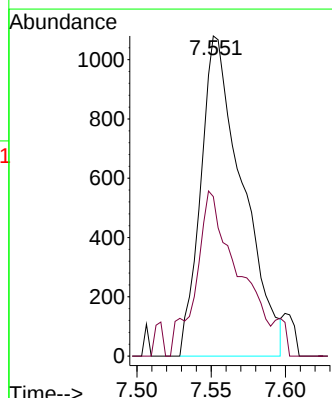
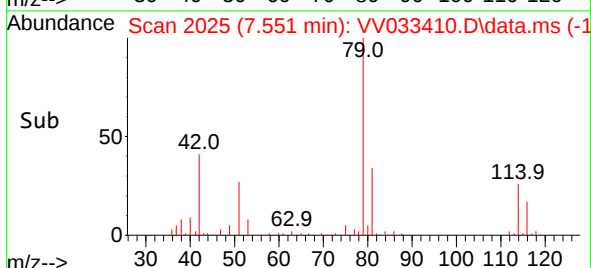
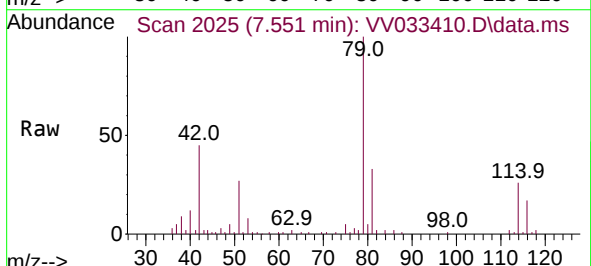


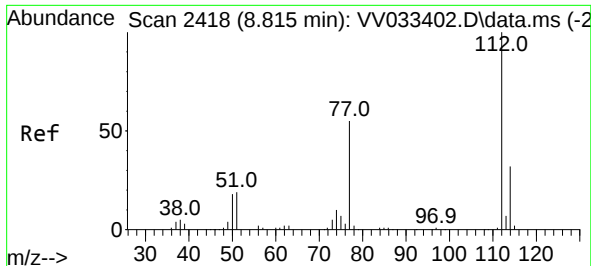
Tgt Ion: 96 Resp: 121586
 Ion Ratio Lower Upper
 96 100
 61 116.4 81.9 152.1
 98 62.9 44.3 82.3



#44
 trans-1,3-Dichloropropene
 Concen: 0.857 ug/L
 RT: 7.551 min Scan# 2025
 Delta R.T. -0.029 min
 Lab File: VV033410.D
 Acq: 16 Dec 2023 04:28

Tgt Ion: 75 Resp: 2110
 Ion Ratio Lower Upper
 75 100
 77 49.8 22.4 41.6#

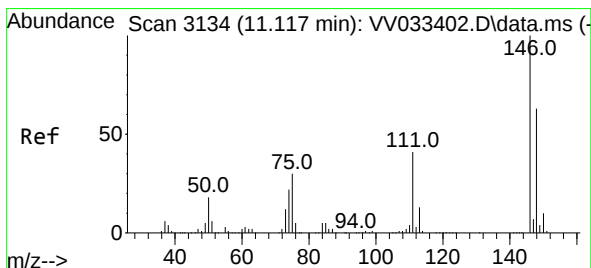
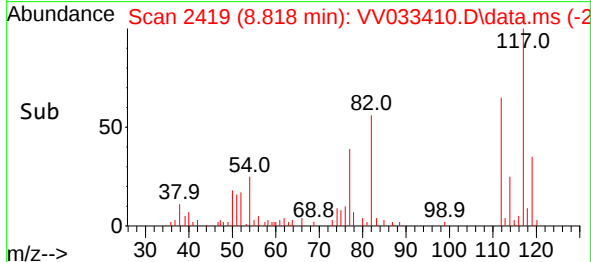
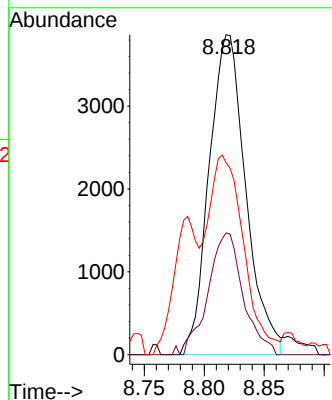
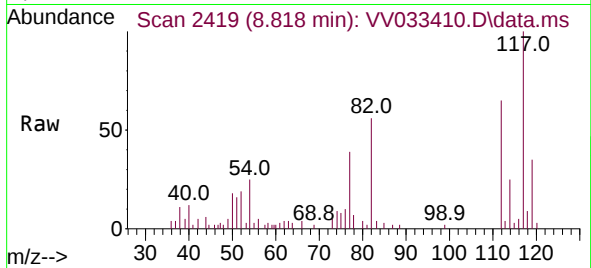




#51
Chlorobenzene
Concen: 1.732 ug/L
RT: 8.818 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033410.D
Acq: 16 Dec 2023 04:28

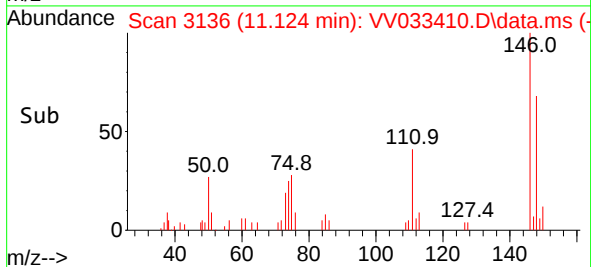
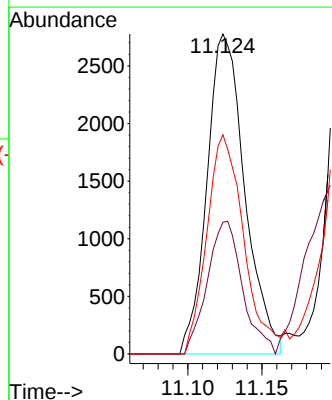
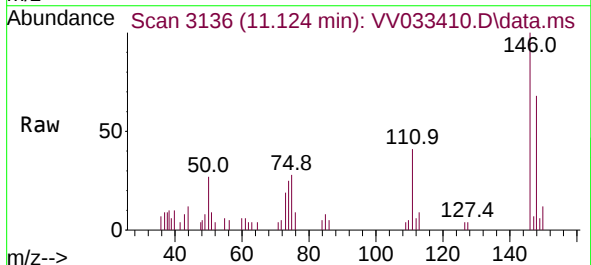
Instrument :
MSVOA_V
ClientSampleId :

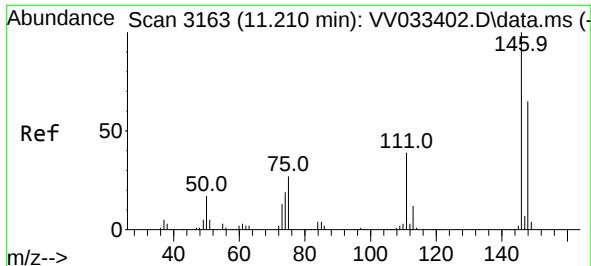
Tgt Ion:112 Resp: 8228
Ion Ratio Lower Upper
112 100
114 38.1 22.5 41.7
77 60.0 45.2 67.8



#64
1,3-Dichlorobenzene
Concen: 1.693 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.007 min
Lab File: VV033410.D
Acq: 16 Dec 2023 04:28

Tgt Ion:146 Resp: 4919
Ion Ratio Lower Upper
146 100
111 41.2 29.3 54.5
148 68.5 45.4 84.4

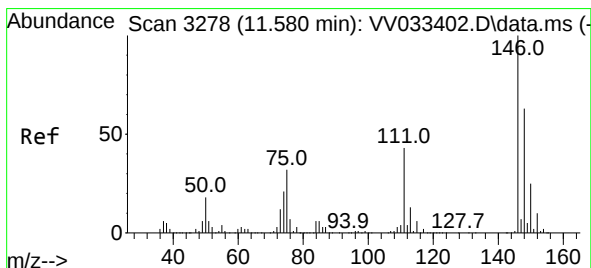
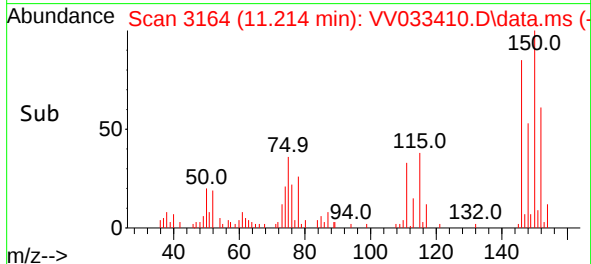
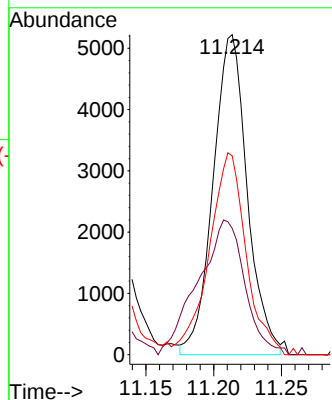
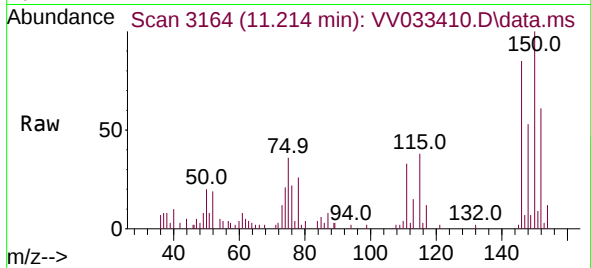




#65
1,4-Dichlorobenzene
Concen: 2.925 ug/L
RT: 11.214 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033410.D
Acq: 16 Dec 2023 04:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 9147
Ion Ratio Lower Upper
146 100
111 39.5 27.9 51.7
148 62.2 45.5 84.5



#67
1,2-Dichlorobenzene
Concen: 2.546 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VV033410.D
Acq: 16 Dec 2023 04:28

Tgt Ion:146 Resp: 7700
Ion Ratio Lower Upper
146 100
111 50.9 33.5 50.3#
148 67.9 51.1 76.7

